REFERENCES

Afonso J, Aredes M, Watanabe E, Martins J, ”Shunt Active Filter for Power Quality Improvement” International Conference UIE 2000,Portugal,1-4 Nov. 2000,pp. 683-691.

Aredes M, Heumann K, and Walandble E H, ‘An universal active power line conditioner.” IEEE Trans. Power Del., vol. 13, no. 2, pp. 545-551, Apr. 1998.

Basu M., Das S.P., Dubey G.K., “Experimental investigation of performance of a single phase UPQC for voltage sensitive and non-linear loads”, Proceedings, Power Electronics and Derive Systems, vol. 1, Oct. 2001

Chen Y, Zha X, Wang J, Liu H, Sun J, and Tang H, ‘Unified power quality conditioner (UPQC): The theory, modeling and application,” in Proc. Int. Conf. Power Syst. Technol., 2000.

Chenand Y, Philippe L, “Advanced control methods for the 3-phase unified power quality conditioner,” in Proc. Power Electron. Spec. Conf., Jun. 20-25, 2004, pp. 4263-4267

Das C, ‘Passive filters- potentialities and limitations,” IEEE Trans. Ind. Applicat., vol. 40, pp. 232-241, Feb. 2004.

Djeghloud H, Benalla H, and Bentounsi A, ‘Supply current and load voltage distortions suppression using the unified power quality conditioner,” in Proc. Syst., Signals Device, Jul. 20-22, 2008

Forghani M and Afsharnia S, ‘Online wavelet transform-based control strategy for UPQC control system,” IEEE Trans. Power Del., vol. 22, no. 1, pp. 481-491, Jan. 2007

Fujita H and Akagi H, ‘The unified power quality conditioner: the integration of series and shunt-active filters,” IEEE Trans. Power Electron., vol. 13, no. 2,pp. 315-322, Mar. 1998.

Ghose A and Ledwich G, Power Quality Enhancement Using Custom Power Devices. Boston, MA: Kluwer,2002.

Ghose A, Jindal A K and Joshi A, “A unified power quality conditioner for voltage regulation of critical load bus,” in Procc. Power Eng.Soc. Gen. Meet., Jan, 6-10,2004, pp. 471-476.

Gunther E W and Mehta H, ‘A survey of distribution system power quality”, IEEE Trans. On Power Delivery, vol. 10, No.1, pp. 322-329, Jan. 1995.

Gunther E W and Mehta H, “A survey of distribution system power quantity, ‘IEEE Trans. On power Delivery, vol. 10,No.1,pp.322-329,Jan.1995.

Han B, Bae B, Kim H, and Baek S, ”Combined operation of unified power quality conditioner with distributed generation,” IEEE Trans. Power Del., vol. 21, no. 1 pp. 330-338, Jan. 2006

Jindal A K, Ghose A, and Joshi A, “The protection of sensitive loads from inters harmonic currents using shunt series active filters,” Elect. Power Syst. Res., vol. 73, pp. 187-196, 2005

Karimi H, Karimi-Ghartemani M, Iravani M R, and Bakhshai A R, ‘An adaptive filter for synchronous extraction on harmonics and distortions,” IEEE Trans. Power Del., vol. 18, no. 4, pp. 1350-1356, Oct. 2003.

Kesler M and Ozdemir F, “A novel control method for unified power quality conditioner (UPQC) under non-ideal mains voltage and unbalance load conditions,” in Proc. Appl. Power Electron. Drive Syst., Feb. 21-25, 2010

Khadkikar V and Chandra A,” A novel structure for three-phase four wire distribution system utilizing unified power quality conditioner (UPQC),” IEEE Trans. Ind. Appl., vol, 45, no. 5, pp. 1897-1902, Sep./Oct. 2009.

Khadkikar V, “Enhancing electric power quality using UPQC: A comprehensive overview,” IEEE Trans. On power Electronics. Vol. 27, no. 5, May 2012.

Khadkikar V, Agarwal P, Chandra A, Barry A, and Nguyen T, ”A simple new control technique for unifird power quality conditioner (UPQC),” in Proc. 11th Int. Conf. Harmonics Quality Power, Sep. 12-15, 2004.

Khadkikar V, Chandra A, “A new control philosophy for a Unified Power Quality Conditioner (UPQC) to coordinate Load-Reactive Power Demand between shunt and series Inverters,” IEEE Trans On power delivery, vol. 23, no. 4, pp. 2522-2534, 2008.

Kolhatkar Y Y and Das S P, ”Experimental investigation of single-phase UPQC with minimum VA rating,” IEEE Trans. Power Del., vol.22, no. 1, pp. 373-390, Jan. 2007.

Kumar P and Mahajan A, ‘Soft computing techniques for the control of an active power filter,” IEEE Trans. On Power Delivery, vol. 24, no. 1, Jan. 2009

Kwan K H, Chu Y C, and So P L, ”Model based H∞ control of a unified power quality conditioner,” IEEE Trans. Ind. Electron., vol. 56, no. 7, pp. 2493-2504, Jul. 2009

Lee W C, Lee D M, Lee T K, ”New Control Scheme for a Unified Power Quality Conditioner-Q With Minimum Active Power Injection”, IEEE Trans. on Power Delivery, vol. 25, pp. 1068-1076, April 2010

Mekri F, Machmoum M, Ahmed N A, and Mazari B, “A fuzzy hysteresis voltage and current control of an unified power quality conditioner,” in Proc. 34th Annu. Conf. IEEE Ind. Electron., Nov. 10-13, 2008

Mokhtatpour A and Shayanfar H A, “Power quality compensation as well as power flow control using of unified power quality conditioner,” in Proc. Power Energy Eng. Conf., Mar. 25-28, 2011

Mollina C A, Espinoza J R, Espinosa E E, Villarroel F A, and Hidalgo J A, “ Refined control of an unified power quality conditioner under nonlinear and asymmetrical loads,” in Proc. IEEE Int. Symp. Ind. Electron, Jul. 4-7, 2010.

Munoz J A, Espinoza R R, Moran L A, and Baier C R, ”Design of a modular UPQC configuration integrating a components economical analysis,” IEEE trans. Power Del., vol. 24. No. 4, pp. 1763-1772, Oct. 2009.

Pal Y, Swarup A, and Singh B, ‘Flexible control of UPQC for selective compensation of power quality problems,” in Proc. India Int. Conf. Power Electron., Jan. 28-30, 2011, pp. 1-8.

Rahmani S, Mendalek N and Al-Haddad K, ‘Experimental design of a nonlinear control techniques for three-phase shunt active power filter,” IEEE Trans. On Industrial Electronics, vol. 57, no. 10, Oct. 2010.

Rojin R.K. and Raj A A, “An efficient design of UPQC using fuzzy logic controller for a 3 phase 4 wire distribution system,” vol. 3, issue 5, May 2014

Singh B, AL-Haddad K, Chandra A, “A Review of Active Power Filters for Power Quality Improvement”, IEEE Trans. on Industrial Electronics, vol. 45, No.5,Oct. 1999.

Somlal J and Mannam V G R, “Analysis of discrete & space vector PWM controlled hybrid active filters for power quality enhancement,” International Journal of Advances in Engineering & Technology, Jan. 2012

Teke A, Saribulut L and Tumay M, ‘A novel reference signal generation method for power-quality improvement of unified powe-quality conditioner,” IEEE Trans. On Power Delivery, vol. 26, no. 4, Oct. 2011

Zhili T and Zhu D, ‘A new control strategy for three-phase four-wire UPQC when voltage fluctuating on the DC side,” in Proc, 2nd IEEE Int. Symp. Power Electronic, Distribution Generation Syst., Jun. 16-18, 2010, pp. 190-195.

Zhu P, Li X, Kang Y, and Chen J, “Control scheme for a universal power quality manager in a two-phase synchronous rotating frame,” Proc. Inst. Elect. Eng., Gen Transm. Distrib. vol. 151, no. 5, pp. 590-596, 2004